Circuit symbols						cf. DIN ISO 1219-1 (1996-03)	
Function elements							
<b>&gt;</b>	Hydraulic fluid flow Compressed air flow	† ‡ <del> </del>	Direction of flow	()	Direction of rotation Adjustability	<b>₩</b> ∷	Spring Flow restriction
Power transmission							
<b>—</b>	Hydraulic pressure source	++	Line junction		Muffler Tank	<b>→</b>	Filter or screen
<b>├</b> ─	Pneumatic press. source	-	Line crossing		Pressure tank Hydraulic	<b>→</b>	Water separator
	Working line Control line Leakage current line	<del></del>	Quick coupling Exhaust without connection	Q	accumulator  Service unit (FRL)	-\$-	Air dryer
	Envel. around subassemblies	¥	Exhaust with connection			<b>→</b>	Lubricator
Pumps, compressors, motors							
<b>♦</b>	Fixed displace- ment hydraulic pump, unidi- rectional	<b>⊅</b> €	Fixed dis- placement hydraulic motor, unidi-	Ø <del>(</del>	Variable dis- placement hydraulic motor, bidi-	=	Hydraulic rotary drive
	Variable dis- placement hydraulic pump, bidirec- tional		rectional  Fixed displacement pneumatic-		Variable dis- placement pneumatic	=	Pneumatic rotary drive
<b>○</b> *	Compressor, unidirectional	'	motor, unidi- rectional	'	motor, bidi- rectional	(M)=	Electric motor
Single-act	ting cylinders	5		Double-acting cylinders			
simplified:	Single-acting cylinder, return stroke by undefined power source	simplified:	Single-acting cylinder, return stroke by integrated spring	simplified:	Double-acting cylinder with one-sided piston rod	simpli- fied:	Double-acting cylinder with one-sided piston rod and two-sided adjustable end cushion
Shut off valves				Pressure valves		Flow control valves	
-	Check valve, unloaded		Pilot operated check valve	T m	Pressure relief valves	#	Adjustable throttle valve
<b>-</b> ♦₩-	Check valve, spring loaded				Sequence valve	<del> </del>	2-way flow- control valve with variable output
	Shuttle valve (OR function)	131	One-way flow control valve		2-way pres- sure regula- tor, direct- acting Pressure	17-	3-way flow- control valve with variable output, relief
	Quick exhaust valve		Dual-pressure valve (AND function)	<b>\</b> M	switch, emits electrical signal for a preset pressure	' Ш	opening to tank

A